

Logan County, Colorado  
 Print date: 09/09/2003

Table AWM-2.--Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1: Albinas-----	80	Very limited Flooding	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Seepage	1.00	Flooding	0.60	Flooding Restricted permeability	0.60 0.15
2: Alda-----	80	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Very limited Filtering capacity	1.00
		Depth to saturated zone	0.95	Restricted permeability	0.32	Depth to saturated zone	0.95

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3: Alda-----	85	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Very limited Filtering capacity	1.00
		Seepage	1.00	Restricted permeability	0.62	Depth to saturated zone	0.95
		Depth to saturated zone	0.95	Flooding	0.60	Flooding	0.60
4: Altvan-----	50	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
						Too steep for surface application	0.08
Eckley-----	30	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
						Too steep for surface application	0.08

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5: Altvan-----	50	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	0.06	Slope	0.88	Too steep for surface application	0.92
						Too steep for sprinkler application	0.06
Eckley-----	30	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	0.06	Slope	0.88	Too steep for surface application	0.92
						Too steep for sprinkler application	0.06

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6*: Aquolls-----	80	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Salinity	1.00
		Seepage	1.00	Restricted permeability	0.73	Flooding	1.00
		Salinity	0.50				
7*: Argiustolls, wet----	75	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Very limited Salinity	1.00
		Depth to saturated zone	0.84	Restricted permeability	1.00	Depth to saturated zone	0.84
		Salinity	0.50	Slope	0.50	Too steep for surface application	0.68
8*: Argiustolls-----	30	Very limited Seepage	1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to bedrock	1.00	Restricted permeability	1.00	Low adsorption	0.62
		Low adsorption	0.62	Slope	0.12	Too steep for surface application	0.32

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8*: Rock outcrop-----	30	Not rated		Not rated		Not rated	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not rated;		Not rated;		Not rated; Ksat	
		Fragments > 250mm		Fragments 75 to 250mm			
		Not rated;		Not rated;		Not rated; pH	
		Fragments 75 to 250mm		Fragments > 250mm			
		Depth to bedrock	1.00	Depth to bedrock	1.00	Not rated;	
						Fragments 75 to 250mm	
		Seepage	1.00	Slope	0.12	Not rated;	
						Fragments > 250mm	
9: Arvada-----	85	Very limited		Very limited		Very limited	
		Seepage	1.00	Restricted	1.00	Restricted	1.00
				permeability		permeability	
		Sodium content	1.00			Sodium content	1.00
10: Ascalon-----	85	Very limited		Very limited		Very limited	
		Seepage	1.00	Restricted	1.00	Filtering	1.00
				permeability		capacity	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
11: Ascalon-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity Too steep for surface application	1.00  0.08
12: Ascalon-----	90	Very limited Seepage  Too steep for surface application	1.00  0.06	Very limited Restricted permeability Slope	1.00  0.88	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00  0.92  0.06

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13*: Badland-----	70	Not rated		Not rated		Not rated	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Depth to bedrock	1.00	Depth to bedrock	1.00	Not rated; pH	
		Too steep for surface application	0.22	Slope	1.00	Depth to bedrock	1.00
						Too steep for surface application	1.00
						Too steep for sprinkler application	0.22
14: Bankard-----	80	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Filtering capacity	1.00
		Seepage	1.00			Flooding	1.00
15: Bayard-----	65	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity	1.00
				Slope	0.12	Too steep for surface application	0.32

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
15: Canyon-----	30	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.12	Too steep for surface application	0.32
16: Bridgeport-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Filtering capacity	0.01
17: Canyon-----	75	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for surface application	1.00
		Too steep for surface application	1.00	Slope	1.00	Too steep for sprinkler application	1.00
						Restricted permeability	0.94



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18: Chappell-----	85	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Very limited Filtering capacity	1.00
		Seepage	1.00	Restricted permeability	0.32	Flooding	0.60
19: Colby-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	1.00	Slope	1.00	Too steep for sprinkler application	1.00
20: Dacono-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
						Restricted permeability	0.15
21: Dailey-----	90	Very limited Seepage	1.00	Not limited		Very limited Filtering capacity	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
22: Dailey-----	85	Very limited Seepage	1.00	Somewhat limited Slope	0.50	Very limited Filtering capacity Too steep for surface application	1.00  0.68
23: Dailey, thick surface-----	80	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity	1.00
24: Dix-----	50	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	1.00	Restricted permeability	0.32	Too steep for surface application Too steep for sprinkler application	1.00  1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
24: Altvan-----	30	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
25: Dix-----	50	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	1.00	Restricted permeability	0.32	Too steep for surface application	1.00
						Too steep for sprinkler application	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
25: Eckley-----	30	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	0.78	Slope	1.00	Too steep for surface application	1.00
						Too steep for sprinkler application	0.78
26: Els-----	85	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Very limited Filtering capacity	1.00
		Seepage	1.00	Flooding	0.60	Depth to saturated zone	0.84
		Depth to saturated zone	0.84			Flooding	0.60
27: Epping-----	90	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.50	Too steep for surface application	0.68

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
28*: Fluvaquentic Haplaquolls-----	90	Not rated		Very limited		Not rated	
		Not rated; pH		Flooding	1.00	Not rated; pH	
		Flooding	1.00	Depth to saturated zone	1.00	Not rated; Fragments 75 to 250mm	
		Depth to saturated zone	1.00	Restricted permeability	0.68	Not rated; Fragments > 250mm	
		Seepage	1.00			Depth to saturated zone	1.00
						Flooding	1.00
29*: Fluvaquents-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Filtering capacity	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Seepage	1.00	Cobble content	0.03	Flooding	1.00
		Cobble content	0.01			Salinity	0.01
30: Glenberg-----	90	Very limited Flooding	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Flooding	0.60
		Seepage	1.00	Flooding	0.60		

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
31: Gravel pits-----	95	Not rated Not rated; pH		Not rated Not rated; Fragments > 250mm		Not rated Not rated; pH	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Seepage	1.00			Filtering capacity	1.00
32: Haverson-----	87	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Filtering capacity	0.01
33: Haverson-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Filtering capacity	0.01
34: Haverson, frequently flooded-----	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Seepage	1.00	Restricted permeability	0.62		

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
35: Haverson, saline----	85	Very limited Flooding	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Flooding	0.60
		Seepage	1.00	Flooding	0.60		
36: Haxtun-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity Restricted permeability	1.00 0.15
37: Haxtun-----	80	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity Restricted permeability Too steep for surface application	1.00 0.15 0.08
38: Haxtun-----	80	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Filtering capacity	0.15 0.01

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
39: Hayford-----	80	Somewhat limited Depth to saturated zone Seepage	0.84 0.77	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Filtering capacity Restricted permeability Depth to saturated zone	1.00 0.94 0.84
40: Hayford, saline-----	80	Somewhat limited Depth to saturated zone Seepage	0.84 0.77	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Filtering capacity Restricted permeability Depth to saturated zone	1.00 0.94 0.84
41: Heldt-----	90	Somewhat limited Seepage Sodium content	0.22 0.18	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Sodium content	0.94 0.18
42: Heldt, saline-----	90	Somewhat limited Seepage Sodium content	0.22 0.18	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Sodium content	0.94 0.18



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
43: Iliff-----	75	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
44: Julesburg-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity	1.00
45: Julesburg-----	85	Very limited Seepage	1.00	Somewhat limited Slope	0.50	Very limited Filtering capacity	1.00
				Restricted permeability	0.32	Too steep for surface application	0.68
46: Julesburg-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
47: Julesburg-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity Too steep for surface application	1.00 0.08
48: Julesburg-----	90	Very limited Seepage	1.00	Somewhat limited Slope	0.88	Very limited Filtering capacity	1.00
		Too steep for surface application	0.06	Restricted permeability	0.32	Too steep for surface application Too steep for sprinkler application	0.92 0.06
49: Julesburg-----	55	Very limited Seepage	1.00	Somewhat limited Restricted permeability Slope	0.32 0.12	Very limited Filtering capacity Too steep for surface application	1.00 0.32

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
49: Eckley-----	35	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	0.06	Slope	0.88	Too steep for surface application	0.92
						Too steep for sprinkler application	0.06
50: Keith-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
51: Kim-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Too steep for surface application	0.68
				Slope	0.50	Filtering capacity	0.01
52: Kuma-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Not limited	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
53: Kutch-----	90	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	0.77	Depth to bedrock	1.00	Restricted permeability	0.94
54: Kutch-----	95	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	0.77	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.50	Too steep for surface application	0.68
55: Lebsack-----	80	Not limited		Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.94
56: Lebsack, saline----	80	Not limited		Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.94
				Depth to saturated zone	1.00	Salinity	0.50

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
57: Lebsack, wet-----	80	Not limited		Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Restricted permeability Salinity	0.94 0.50
58: Loveland-----	85	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.77	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 0.60	Very limited Filtering capacity Depth to saturated zone Flooding Restricted permeability	1.00 1.00 1.00 0.60 0.15
59: Manter-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Very limited Filtering capacity	1.00
60: Manter-----	85	Very limited Seepage	1.00	Somewhat limited Slope Restricted permeability	0.50 0.32	Very limited Filtering capacity Too steep for surface application	1.00 0.68

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
61: Manter-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Somewhat limited Filtering capacity	0.01
62: Manter-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.32	Somewhat limited Too steep for surface application Filtering capacity	0.08 0.01
63: Manter-----	85	Very limited Seepage	1.00	Somewhat limited Slope	0.88	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Restricted permeability	0.32	Too steep for sprinkler application Filtering capacity	0.06 0.01

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
64: Manter, watertable--	90	Very limited Seepage	1.00	Very limited Depth to saturated zone Restricted permeability	1.00 0.32	Somewhat limited Filtering capacity Salinity	0.01 0.01
65: Manter, wet-----	95	Very limited Seepage	1.00	Very limited Depth to saturated zone Restricted permeability	1.00 0.32	Somewhat limited Filtering capacity Salinity	0.01 0.01
66: Manzanola-----	90	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.60

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
67: Midway-----	85	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Too steep for surface application	1.00	Depth to bedrock	1.00	Too steep for surface application	1.00
		Sodium content	0.50	Slope	1.00	Too steep for sprinkler application	1.00
						Restricted permeability	0.94
						Sodium content	0.50
68: Mitchell-----	85	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Filtering capacity	0.01
69: Mitchell-----	55	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Filtering capacity	0.01
Keota-----	35	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Restricted permeability	0.94



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
70: Mitchell-----	55	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Too steep for surface application Filtering capacity	0.08  0.01
Keota-----	35	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 1.00	Very limited Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 0.92  0.06
71: Mitchell-----	50	Very limited Seepage	1.00	Somewhat limited Restricted permeability	0.62	Somewhat limited Filtering capacity	0.01
Norka-----	40	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
72: Mosher-----	90	Very limited Sodium content	1.00	Very limited Restricted permeability	1.00	Very limited Sodium content	1.00
		Seepage	1.00	Depth to saturated zone	1.00	Restricted permeability	0.94
73: Mosher-----	88	Very limited Sodium content	1.00	Very limited Restricted permeability	1.00	Very limited Sodium content	1.00
				Depth to saturated zone	1.00	Restricted permeability	0.94
74: Norka-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
75: Norka-----	50	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
Ulysses-----	35	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Not limited	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
76: Nunn-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43
77: Nunn-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43
78: Nunn-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Too steep for surface application	0.43 0.08
79: Nunn-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application Restricted permeability Too steep for sprinkler application	0.92 0.43 0.06
		Too steep for surface application	0.06	Slope	0.88		

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
80: Nunn-----	90	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.60
81: Nunn-----	90	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.68
				Slope	0.50	Restricted permeability	0.43
82: Nunn, watertable----	85	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.60
				Depth to saturated zone	1.00		
83: Nunn, wet-----	85	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.60
				Depth to saturated zone	1.00		

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
84: Olney-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application Filtering capacity	0.08  0.01
85: Olney-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Slope	0.88	Too steep for sprinkler application Filtering capacity	0.06  0.01
86: Peetz-----	85	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	1.00	Restricted permeability	0.32	Too steep for sprinkler application Filtering capacity	1.00  1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
87: Platner-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Filtering capacity	0.60 0.01
88: Platner-----	95	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43
89: Platner-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43
90: Platner-----	80	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Too steep for surface application	0.43 0.08
91: Platner-----	45	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
91: Rago-----	25	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.60
Dacono-----	20	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity Restricted permeability	1.00 0.15
92: Rago-----	80	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43
93: Rago-----	85	Somewhat limited Seepage	0.77	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.43

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
94: Renohill-----	60	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.12	Too steep for surface application	0.32
Shingle-----	20	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
		Too steep for surface application	0.06	Slope	0.88	Too steep for surface application	0.92
						Too steep for sprinkler application	0.06



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
95*: Rock outcrop-----	70	Not rated		Not rated		Not rated	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not rated;		Not rated;		Not rated; Ksat	
		Fragments > 250mm		Fragments 75 to 250mm			
		Not rated;		Not rated;		Not rated; pH	
		Fragments 75 to 250mm		Fragments > 250mm			
		Depth to bedrock	1.00	Slope	1.00	Not rated;	
						Fragments 75 to 250mm	
		Too steep for surface application	1.00	Depth to bedrock	1.00	Not rated;	
						Fragments > 250mm	
Argiustolls-----	20	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Depth to bedrock	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
96: Rosebud-----	50	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 0.62	Very limited Depth to bedrock Too steep for surface application	1.00 0.08
Escabosa-----	30	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Restricted permeability Too steep for surface application	1.00 0.94 0.08
97: Rosebud-----	50	Very limited Depth to bedrock Seepage Too steep for surface application	1.00 1.00 0.06	Very limited Depth to bedrock Slope Restricted permeability	1.00 0.88 0.62	Very limited Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 0.92 0.06

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
97: Escabosa-----	30	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 1.00	Very limited Depth to bedrock Too steep for surface application	1.00 0.92
		Too steep for surface application	0.06	Slope	0.88	Too steep for sprinkler application	0.06
98: Rosebud-----	45	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 0.62	Very limited Depth to bedrock	1.00
Escabosa-----	30	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 1.00	Very limited Depth to bedrock	1.00
Iliff-----	20	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 0.94

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
99: Satanta-----	80	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
100: Satanta-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
101: Satanta-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Too steep for surface application	0.15 0.08
102: Satanta, watertable-	90	Very limited Seepage	1.00	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Restricted permeability	0.15

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
103: Satanta, wet-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Depth to saturated zone	0.43
		Depth to saturated zone	0.43	Depth to saturated zone	1.00	Restricted permeability	0.15
104: Shingle-----	90	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.12	Too steep for surface application	0.32
105: Stoneham-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.68
				Slope	0.50	Restricted permeability	0.15

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
106: Stoneham-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability Too steep for surface application	0.15 0.08
107: Stoneham-----	90	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Slope	0.88	Restricted permeability Too steep for sprinkler application	0.15 0.06
108: Stoneham-----	60	Very limited Seepage	1.00	Very limited Restricted permeability Slope	1.00 0.50	Somewhat limited Too steep for surface application Restricted permeability	0.68 0.15

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
108: Cushman-----	35	Very limited Depth to bedrock	1.00	Very limited Restricted permeability	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Restricted permeability	0.94
				Slope	0.50	Too steep for surface application	0.68
109: Thedalund-----	45	Very limited Depth to bedrock	1.00	Very limited Slope	1.00	Very limited Depth to bedrock	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for surface application	1.00
		Too steep for surface application	1.00	Restricted permeability	0.62	Too steep for sprinkler application	1.00
Kim-----	30	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	1.00	Restricted permeability	0.62	Too steep for sprinkler application	1.00
						Filtering capacity	0.01

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
109: Shingle-----	20	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Slope Restricted permeability	1.00 1.00	Very limited Depth to bedrock Too steep for surface application	1.00 1.00
		Too steep for surface application	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
						Restricted permeability	0.94
110: Wagonwheel-----	45	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.08
						Filtering capacity	0.01
Stoneham-----	30	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Restricted permeability	0.15
						Too steep for surface application	0.08
						Filtering capacity	0.01



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
111: Wagonwheel-----	40	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	0.50	Slope	1.00	Too steep for sprinkler application	0.50
						Filtering capacity	0.01
Colby-----	35	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	0.50	Slope	1.00	Too steep for sprinkler application	0.50

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
112*: Ustic Torriorthents-	84	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Too steep for surface application	1.00 1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for sprinkler application Filtering capacity	1.00 0.01
113: Valent-----	95	Very limited Seepage	1.00	Not limited		Very limited Filtering capacity	1.00
114: Valent-----	95	Very limited Seepage Too steep for surface application	1.00 1.00	Very limited Slope	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 1.00 1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
115: Valent-----	90	Very limited Seepage	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too steep for surface application	0.50			Filtering capacity	1.00
						Too steep for sprinkler application	0.50
116: Vona-----	95	Very limited Seepage	1.00	Somewhat limited Slope	0.50	Very limited Filtering capacity	1.00
				Restricted permeability	0.32	Too steep for surface application	0.68
117: Vona-----	95	Very limited Seepage	1.00	Somewhat limited Slope	0.50	Very limited Filtering capacity	1.00
				Restricted permeability	0.32	Too steep for surface application	0.68

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
118: Wages-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Not limited	
119: Wages-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.08
120: Wages-----	85	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Slope	0.88	Too steep for sprinkler application	0.06
121: Wages-----	55	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Slope	0.88	Too steep for sprinkler application	0.06

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
121: Altvan-----	25	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Filtering capacity	1.00
		Too steep for surface application	0.06	Slope	0.88	Too steep for surface application	0.92
						Too steep for sprinkler application	0.06
122: Wages-----	50	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.68
				Slope	0.50		
Manter-----	30	Very limited Seepage	1.00	Somewhat limited Slope	0.50	Somewhat limited Too steep for surface application	0.68
				Restricted permeability	0.32	Filtering capacity	0.01

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
123: Wages-----	60	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.08
Rosebud-----	30	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Restricted permeability	1.00 0.62	Very limited Depth to bedrock Too steep for surface application	1.00 0.08
124: Wages-----	50	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too steep for surface application	0.92
		Too steep for surface application	0.06	Slope	0.88	Too steep for sprinkler application	0.06
Rosebud-----	30	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Slope	1.00 0.88	Very limited Depth to bedrock Too steep for surface application	1.00 0.92
		Too steep for surface application	0.06	Restricted permeability	0.62	Too steep for sprinkler application	0.06







Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated;		Not rated; pH	
				Fragments 75 to			
				250mm			
		Not Rated; Slope		Not rated;		Not rated;	
				Fragments >		Fragments 75 to	
				250mm		250mm	
		Not rated;				Not rated;	
		Fragments >				Fragments >	
		250mm				250mm	